

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	39	("1094211" "1099180" "0004497" "4907355" "5502901" "6076284" "0993279" "D364728" "D384796" "D395157" "D396549" "D398746" "D434547" "D439730" "D459865" "D460247" "D461040" "D461298" "D468085" "D474878").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/15 08:33
L2	206	"36"/\$.ccls. and foam.clm.	US-PGPUB	OR	ON	2006/03/15 08:33
S1	862	(36/29,35b,153).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2004/12/09 09:35
S2	61	("0302190"   "1088551"   "1304915"   "2189813"   "2469969"   "2997100"   "3027659"   "3124887"   "3379800"   "3475836"   "3500472"   "3507727"   "3685176"   "4016662"   "4168585"   "4202117"   "4229889"   "4232459"   "4263728"   "4268571"   "4336661"   "4361969"   "4364188"   "4486901"   "4501541"   "4513449"   "4546899"   "4662087"   "4670995"   "4700403"   "4874640"   "4912861"   "4991317"   "4995173"   "4999932"   "5025575"   "5113599"   "5152083"   "5158767"   "5235715"   "5253435"   "5257470"   "5335382"   "5343638"   "5343639"   "5353523"   "RE11694"   "RE31898").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 10:23
S3	23	"36"/\$.ccls. and lyden.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/09 10:59
S4	34	("2092910"   "3237318"   "4272898"   "4385024"   "4520581"   "4597196"   "4628621"   "4654984"   "4674206"   "4688338"   "4716662"   "4718179"   "4756096"   "4800657"   "4813090"   "4823420"   "4856626"   "4869001"   "4901390"   "4931356"   "4946435"   "4946874"   "4957963"   "4962593"   "4983450"   "4987158"   "5010115"   "5042100"   "5054753"   "5067257"   "5095570"   "5101580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:08

## EAST Search History

S5	27	("2232646"   "3123403"   "3124887"   "3379800"   "3500472"   "3507727"   "4006503"   "4039363"   "4168585"   "4261776"   "4268571"   "4336661"   "4347205"   "4364188"   "4486901"   "4501541"   "4513449"   "4546899"   "4670995"   "4700403"   "Re31898").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:13
S6	6	("2626886"   "3707434"   "4347205"   "4663226").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:14
S7	43	("4874640").URPN.	USPAT	OR	ON	2004/12/09 11:15
S8	16	("1342967"   "2808663"   "3005271"   "3253355"   "3257743"   "3418732"   "3457659"   "3655497"   "4224746").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:15
S9	37	("1304915").URPN.	USPAT	OR	ON	2004/12/09 11:17
S10	11	("1304915"   "2150057"   "2177116"   "2527414"   "2631387"   "3724106").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:18
S11	28	("3253355").URPN.	USPAT	OR	ON	2004/12/09 11:18
S12	28	("3253355").URPN.	USPAT	OR	ON	2004/12/09 11:22
S13	34	("2092910"   "3237318"   "4272898"   "4385024"   "4520581"   "4597196"   "4628621"   "4654984"   "4674206"   "4688338"   "4716662"   "4718179"   "4756096"   "4800657"   "4813090"   "4823420"   "4856626"   "4869001"   "4901390"   "4931356"   "4946435"   "4946874"   "4957963"   "4962593"   "4983450"   "4987158"   "5010115"   "5042100"   "5054753"   "5067257"   "5095570"   "5101580").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 11:23
S14	28	("3253355").URPN.	USPAT	OR	ON	2004/12/09 11:24
S15	12	("1568405"   "4446634"   "4462171"   "4918838"   "5068981"   "5222312"   "5295314"   "5655315"   "5673498"   "5794361"   "5813142").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 13:40
S16	39	S1 and ((ridge or groove or indent) near6 (\$4wall or wall))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/09 13:43
S17	13	("1942312"   "2387334"   "2825154"   "2836907"   "3429545"   "4129951"   "4342158"   "4455766").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 13:47

## EAST Search History

S18	12	("4342157"   "4472890"   "4657716"   "4768295"   "4817304"   "4934072"   "5025575"   "5042100"   "5067255"   "5097607"   "5131174"   "5203793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 14:10
S19	73	("0508034"   "0586155"   "0850327"   "0900867"   "1069001"   "1517171"   "1605985"   "2080499"   "2177116"   "2532742"   "2600239"   "2605560"   "3237319"   "3402411"   "3635849"   "3713640"   "3765422"   "3871117"   "4038700"   "4038762"   "4083127"   "4100686"   "4108928"   "4144658"   "4211236"   "4217705"   "4219945"   "4223457"   "4229546"   "4237625"   "4243754"   "4255202"   "4263728"   "4287613"   "4342157"   "4358902"   "4370754"   "4414760"   "4446634"   "4458430"   "4506461"   "4566137"   "4567677"   "4577417"   "4610099"   "4662087"   "4674206"   "4700403"   "4723322"   "4744157"   "4768295"   "4802289"   "4905320"   "4934072"   "4991317"   "D297381"   "D297980"   "D300084"   "D300085").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2004/12/09 14:11
S20	5	("5014449" "5367792" "4918838" "5363570" "D495127").PN.	USPAT	OR	ON	2005/03/28 18:03
S21	18	((("0545705") or ("0547645") or ("0836364") or ("0896075") or ("0900867") or ("1069001") or ("1193608") or ("1498838") or ("1605985") or ("1711270") or ("1970802") or ("2068134") or ("2080499") or ("2090881") or ("2100492") or ("2215463") or ("2266476") or ("2318206"))).PN.	USPAT	OR	OFF	2005/04/05 12:45
S22	18	((("2,434,770") or ("2,468,886") or ("2,604,641") or ("2,817,088") or ("2,881,445") or ("3,100,354") or ("3,120,712") or ("3,225,463") or ("3,332,415") or ("3,341,952") or ("3,402,485") or ("3,469,576") or ("3,583,008") or ("3,608,215") or ("3,638,253") or ("3,705,429") or ("4,100,686") or ("4,183,156"))).PN.	USPAT	OR	OFF	2005/04/05 12:49

## EAST Search History

S23	16	((("4,217,705") or ("4,219,945") or ("4,219,245") or ("4,247,963") or ("4,259,792") or ("4,259,792") or ("4,263,728") or ("4,297,797") or ("4,312,140") or ("4,358,902") or ("4,372,058") or ("4,405,129") or ("4,446,634") or ("4,458,430") or ("4,471,538") or ("4,486,964") or ("4,507,879") or ("4.536.974"))).PN.	USPAT	OR	OFF	2005/04/05 12:50
S24	18	((("4,546,556") or ("4,547,919") or ("4,547,978") or ("4,577,417") or ("4,593,482") or ("4,611,412") or ("4,670,995") or ("4,670,997") or ("4,724,560") or ("4,741,114") or ("4,763,426") or ("4,779,359") or ("4,799,319") or ("4,817,304") or ("4,833,795") or ("4,845,861") or ("4,856,208") or ("4,936,030"))).PN.	USPAT	OR	OFF	2005/04/05 12:52
S25	18	((("5,313,717") or ("5,335,382") or ("5,343,639") or ("5,353,459") or ("5,353,525") or ("5,375,346") or ("5,395,674") or ("5,406,661") or ("5,406,719") or ("5,416,986") or ("5,443,529") or ("5,533,282") or ("5,545,463") or ("5,572,804") or ("5,625,964") or ("5,625,965") or ("5,664,341") or ("5,678,327"))).PN.	USPAT	OR	OFF	2005/04/05 12:54
S26	18	((("5,679,439") or ("5,701,687") or ("5,706,589") or ("5,741,568") or ("5,755,001") or ("5,771,606") or ("5,784,807") or ("5,794,361") or ("5,802,739") or ("5,826,349") or ("5,832,630") or ("5,842,291") or ("5,896,681") or ("6,158,149") or ("6,266,897") or ("6,354,020") or ("Re37,705") or ("6,425,195"))).PN.	USPAT	OR	OFF	2005/04/05 12:56
S27	5	((("6453577") or ("6505420") or ("6516540") or ("6568102") or ("20010049888"))).PN.	US-PGPUB; USPAT	OR	OFF	2005/04/05 12:56
S28	5328	"36"/\$.ccls. and (stepped or steps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:30
S29	1125	S28 and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:29

## EAST Search History

S30	404	"36"/\$.ccls. and (stepped or (step near3 configuration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:43
S31	79	S30 and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:41
S32	378	"36"/\$.ccls. and (stepped or (step near3 configuration).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:44
S33	53	"36"/\$.ccls. and ((stepped or (step near3 configuration)).clm.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:46
S34	11	"36"/29.ccls. and (stepped or (step near3 configuration))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:49
S35	0	36/29,154	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 12:50
S36	917	(36/29,154).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/23 12:50
S37	22	("1194152"   "2157912"   "3331146"   "4918838"   "5010661"   "5068981"   "5138775"   "5333397"   "5341581"   "5477626"   "5697170"   "5697171"   "5826349").PN. OR ("5975861").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/23 14:43
S38	110	36/27.ccls. and foam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/23 14:43
S39	512	(36/27,35b).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/08/24 07:35

## EAST Search History

S40	82	("1081442"   "20010049888"   "20030196354"   "2048683"   "3777374"   "4641438"   "4680876"   "4736531"   "4760651"   "4823482"   "4887367"   "4918838"   "4936030"   "5014449"   "5181873"   "5224277"   "5343639"   "5353523"   "5367792"   "5502901"   "5505010"   "5595002"   "5607749"   "5621984"   "5625966"   "5901467"   "5975861"   "6282814"   "6519873"   "D093966"   "D095767"   "D112267"   "D125773"   "D261446"   "D290542"   "D295459"   "D295691"   "D295692"   "D296384"   "D301659"   "D302352"   "D303451"   "D316773"   "D319337"   "D320303"   "D322153"   "D323577"   "D324940"   "D325288"   "D326355"   "D327770"   "D334463"   "D334833"   "D341708"   "D344401"   "D350018"   "D350019"   "D350020"   "D350225"   "D350227"   "D350433"   "D351057"   "D351720"   "D351936"   "D352155"   "D352157"   "D352159"   "D352160"   "D354617"   "D377859"   "D379864"   "D384192"   "D388241"   "D404896"   "D485053").PN. OR ("D495127").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 07:51
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## EAST Search History

S41	202	("1069001" "1193608" "1304915" "1498838" "1605985" "1711270" "1970802" "1081442" "2064641" "2068134" "2080499" "2090881" "2100492" "2215463" "2266476" "2318206" "2434770" "2468886" "2817088" "2881445" "20010049888" "20020121031" "0196354" "2048683" "2669038" "3100354" "3120712" "3225463" "3332415" "3341952" "3402485" "3469576" "3583008" "3608215" "3638253" "3705429" "0343639" "3777374" "4100686" "4183156" "4217705" "4219245" "4219945" "4247963" "4259792" "4263728" "4297797" "4312140" "4358902" "4372058" "4405129" "4446634" "4458430" "4471538" "4486964" "4507879" "4536974" "4546556" "4547919" "4547978" "4577417" "4593482" "4611412" "4670995" "4670997" "4724560" "4741114" "4763426" "4779359" "4799319" "4817304" "4833795" "4845861" "4856208" "4918838" "4936030" "4999931" "4641438" "4680876" "4736531" "4760651" "4823482" "4887367" "4936030" "5005575" "5014449" "5022109" "5025575" "5074765" "5113599" "5131174" "5144708" "5158767" "5179792" "5195257" "5203793" "5228156" "5230249" "5235715" "5253435" "5255451" "5295314" "5311674" "5313717" "5335382" "5353459" "5353525" "5363570" "5367792" "5375346" "5395674" "5406661" "5406719" "5416986" "5443529" "5533282" "5545463" "5572804" "5625964" "5625965" "5664341" "5678327" "5679439" "5701687" "5706589" "5741568" "5755001" "5771606" "5784807" "5794361" "5802739" "5826349" "5832630" "5842291" "5896681" "5930918" "5918173" "5224277" "5353523" "0545705" "0547645" "5502901" "5505010" "5595002" "5607749" "5621984" "5625966" "5901467" "5975861" "6158149" "6266897" "6354020" "6425195" "6453577" "6505420" "6516540" "6519873" "6568102" "6282814" "0836364" "0896075" "0900867" "D12267S" "D25773S" "D61446S" "D90542S" "D95459S" "D95691S" "D95692S" "D96384S" "D01659S" "D02352S" "D03451S" "D16773S" "D19337S" "D20303S" "D22153S" "D23577S" "D24940S" "D25288S" "D26355S" "D27770S" "D34463S" "D34833S" "D41708S" "D44401S" "D50018S" "D50019S" "D50020S" "D50225S" "D50227S" "D50443S" "D51057S" "D51720S" "D51936S" "D52153S" "D52157S" "D52159S" "D52160S" "D54617S" "D	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 08:58
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## EAST Search History

S42	9	"36"/\$.ccls. and ((foam near8 spring) and (vent or ventilate or ventilation or vented))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 09:01
S43	86	"36"/\$.ccls. and (foam near6 spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/24 09:01
S44	17	("2632964"   "2669038"   "2721400"   "5224278"   "5502901"   "5544431"   "5649374"   "5743028"   "6006449"   "6055747"   "6115943").PN. OR ("6751891").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/24 09:06